IN THE CLAIMS:

This listing of claims will replace all prior versions, and listing, of claims in the application.

Listing of the Claims:

1. (Original) A method of communicating an electronic document between security domains, the method comprising the steps of:

receiving, in a first security domain, a request to transmit to a second security domain a first electronic document in a first data format capable of supporting one or more (covert) security threats;

creating a second document in a second data format incapable of supporting the one or more security threats, responsive to the content of the first document;

forwarding the second document in place of the first document to the second security domain.

- 2. (Currently amended) A method according to any preceding claim 1 in which forwarding of the second document is conditional upon user sanction.
- 3. (Currently amended) A method according to any preceding claim $\underline{1}$ in which the second document is digitally signed by a sanctioning user.
- 4. (Currently amended) A method according to any preceding claim 1 in which the second document is forwarded to the second security domain via at least one data diode.
- 5. (Currently amended) A method according to any preceding claim 1 in which the step of creating the second document comprises performing a transformation to the first

document which modifies the underlying data format of the document whilst substantially preserving the visible informational content.

- 6. (Currently amended) A method according to any preceding claim 1 in which the step of creating the second document comprises adding at least one of entropy and randomness to at least one characteristic of the representation of the first document.
- 7. (Original) A method according to claim 6 in which the at least one characteristic comprises at least one of colour and spacing.
- 8. (Currently amended) A method according to any preceding claim 1 in which the step of creating the second document comprises applying a lossy compression method.
- 9. (Currently amended) A method according to any preceding claim 1 comprising the step of:

conveying the second document to a user sanction function for review and sanction prior to sending the second document to the second security domain.

- 10. (Currently amended) A method according to any preceding claim 1 in which review and sanction comprises sanction by a human user.
- 11. (Currently amended) A method according to any preceding claim 1 in which the one or more security threats comprise presence in the first document of malicious code.
- 12. (Original) A method according to claim 11 in which the malicious code comprises at least one of a computer virus and a Trojan horse.
- 13. (Currently amended) A method according to any preceding claims claim 1 in which the one or more security threats comprises data steganographically concealed within the first document.

- 14. (Currently amended) A method according to any preceding claim 1 in which the first security domain and second security domain are rated at different security levels.
- 15. (Currently amended) A method according to any preceding claim 1 in which the first security domain is a lower-level security domain than the second security domain.
- 16. (Currently amended) A method according to any one of claim 1-14 claim 14 in which the first security domain is a higher-level security domain than the second security domain.

17-21. (Cancelled)

22. (New) Apparatus for communicating an electronic document between security domains, the apparatus comprising:

apparatus arranged to receive, in a first security domain, a request to transmit to a second security domain a first electronic document in a first data format capable of supporting one or more (covert) security threats;

apparatus arranged to create a second document in a second data format incapable of supporting the one or more security threats, responsive to the content of the first document;

apparatus arranged to forward the second document in place of the first document to the second security domain.

23. (New) A computer chipset for communicating an electronic document between security domains, the computer chipset comprising:

a first component arranged to receive, in a first security domain, a request to transmit to a second security domain a first electronic document in a first data format capable of supporting one or more (covert) security threats;

a second component arranged to create a second document in a second data format incapable of supporting the one or more security threats, responsive to the content of the first document;

a third component arranged to forward the second document in place of the first document to the second security domain.

24. (New) A computer readable medium having program code record thereon to direct a computer to communicate an electronic document between security domains, the program comprising:

a first code portion arranged to receive, in a first security domain, a request to transmit to a second security domain a first electronic document in a first data format capable of supporting one or more (covert) security threats;

a second code portion arranged to create a second document in a second data format incapable of supporting the one or more security threats, responsive to the content of the first document;

a third code portion arranged to forward the second document in place of the first document to the second security domain.